JVC

JXT88

MODEL

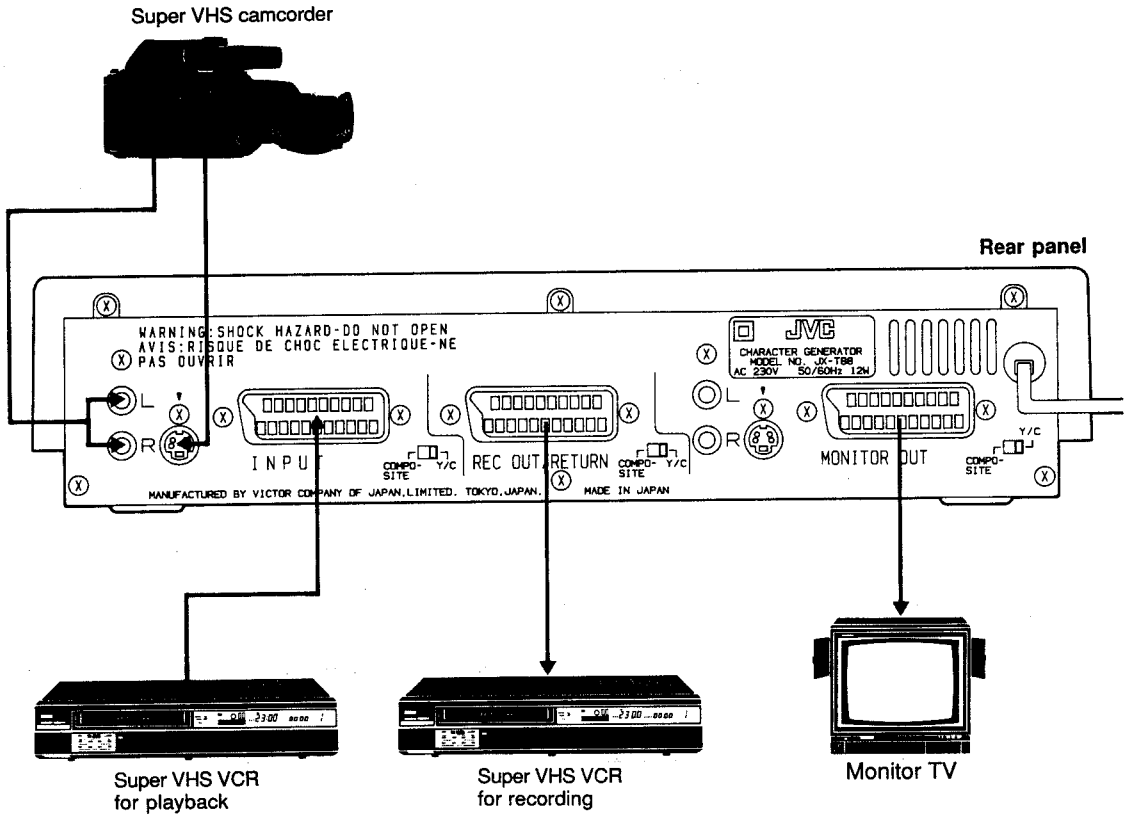
OPERATION MANUAL

Operation Instructions

CONNECTIONS

- The following connection diagrams show examples of connection of the JX-T88 in an audio/video system. Read the instruction manuals of the components to be connected to the JX-T88.
- Before making connections, confirm that the power switches of all components are turned off.

System Connection Example



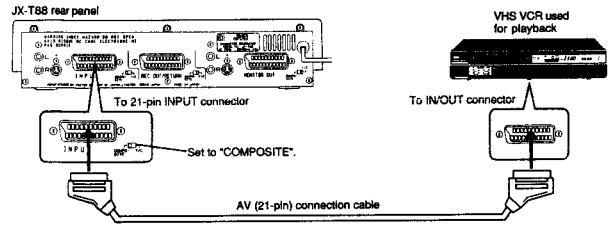
Notes:

- **When both the S-VIDEO connector and 21-pin AV connector are used at the same time:**
  As the video signal input to the S-Video terminal has priority, when using the video component connected to the AV (21-pin) connector, unplug the S-Video connector from the S-VIDEO INPUT terminal.
- **Video and audio signals are always output from the S-VIDEO + AUDIO (L/R) terminals and the AV (21-pin) connector at the same time.**

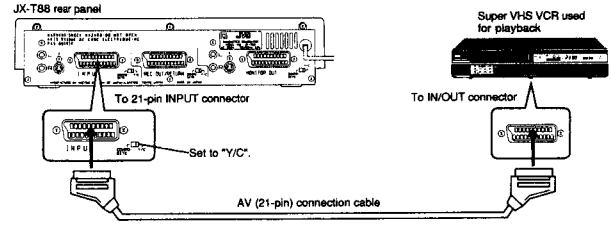
INPUT Connections

■ Connection to Playback VCR

When Using a Conventional VHS VCR

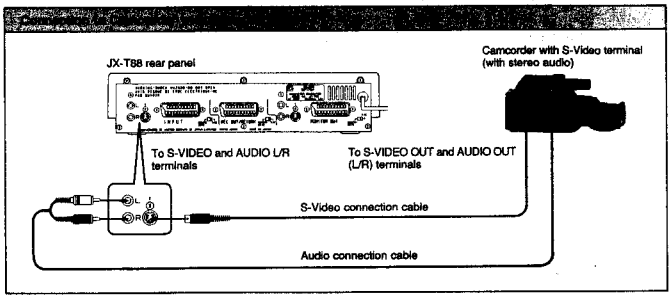


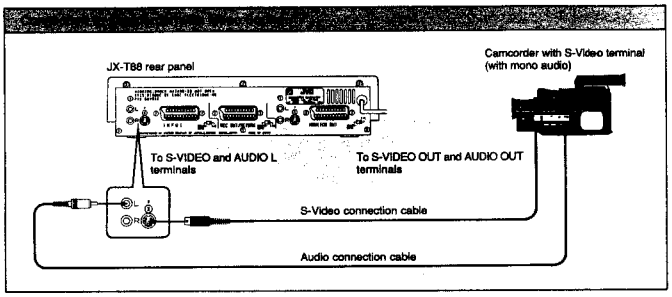
When Using a Super VHS VCR



- Set the VIDEO OUT switch on the Super VHS VCR used for playback to the "Y/C" position.
- When the S-VIDEO and AUDIO (L/R) INPUT terminals are connected to the S-VIDEO and AUDIO (L/R) OUTPUT terminals of the playback VCR, it is not necessary to change the setting of the Signal Select switch.

■ Connection to Camcorder


JX-T88 rear panel
Camcorder with S-Video terminal (with stereo audio)
To S-VIDEO and AUDIO L/R terminals
To S-VIDEO OUT and AUDIO OUT (L/R) terminals
S-Video connection cable
Audio connection cable


JX-T88 rear panel
Camcorder with S-Video terminal (with mono audio)
To S-VIDEO and AUDIO L terminals
To S-VIDEO OUT and AUDIO OUT terminals
S-Video connection cable
Audio connection cable

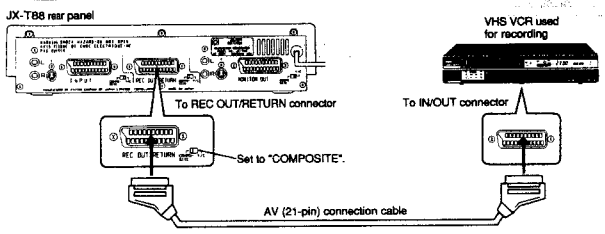
Notes:

- **When the S-VIDEO and AUDIO (L/R) INPUT terminals are connected to the S-VIDEO and AUDIO (L/R) OUTPUT terminals of the playback VCR, it is not necessary to change the setting of the Signal Select switch.**
- **When the signals output from a camcorder are input via the AV (21-pin) INPUT connector of the JX-T88, set the signal select switch to the "Y/C" position.**
- **To connect a component with a mono audio output: Plug in only the L-channel audio jack. When only the L-channel audio jack is used, the same audio input signal will be supplied to both the L- and R-channel audio outputs.**

REC OUT/RETURN Connections

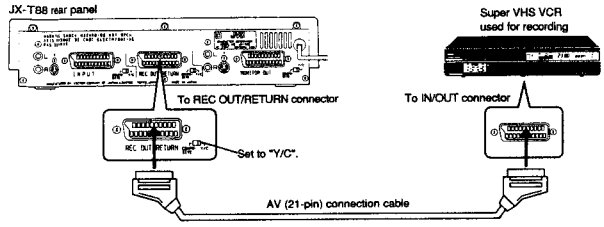
■ Connection to Recording VCR

When Using a Conventional VHS VCR



- Set the signal select switch of the JX-T88 to the "COMPOSITE" position.

When Using a Super VHS VCR



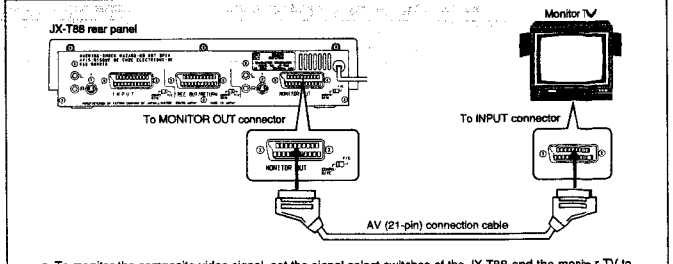
- Set the signal select switch of the JX-T88 to the "Y/C" position.
- When playing back the returned signal (Return Playback), set the VIDEO OUT switch of the recording VCR to the "Y/C" position.

Notes:

- **When recording a title you have created, set the AUX INPUT SELECT switch of the recording VCR to the "AV (IN/OUT connector)" position.**
- **To monitor the RETURN signal (recorded on the VCR), make sure that the signal select switch of the recording VCR matches the position of the input select switch of the monitor TV ("COMPOSITE" or "Y/C").**

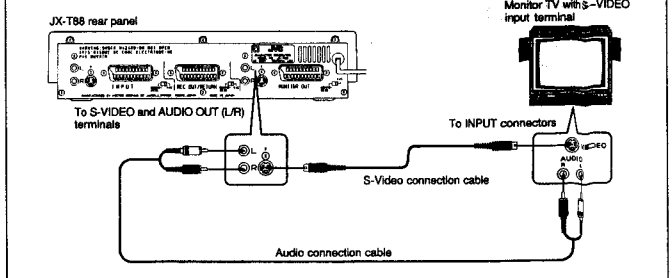
MONITOR OUT Connections

When Using a Conventional VHS VCR



- To monitor the composite video signal, set the signal select switches of the JX-T88 and the monitor TV to their "COMPOSITE" positions. To monitor the Y/C-separated video signal, set to the "Y/C" position.
- For input mode selection of the monitor TV, refer to its instruction manual.

When Using a Super VHS VCR


JX-T88 rear panel
Monitor TV with S-VIDEO input terminal
To S-VIDEO and AUDIO OUT (L/R) terminals
To INPUT connectors
S-Video connection cable
Audio connection cable

- When using a conventional VHS VCR for recording, return playback (playing back the signal that has been recorded) is impossible.
  In this case, use the AV (21-pin) connector described above for monitoring.

BEFORE OPERATING

- The flow of operations to use the Character Generator in the JX-T88 is shown below. When you begin operating for the first time, follow the chart below and learn how to operate.

■ Creating Titles

Set to the Create mode.

↓

Set the screen display to the "cleared" mode.

↓

Select the character size. (4 sizes are available.)

↓

Select the character colour. (8 colours are available.)

↓

Enter required characters.
(To enter a capital letter or the symbol on the left of a key top, press it while holding the SHIFT key depressed.)

↓

Add variations to characters.
(All the characters on the display will be outlined, and individual lines can be enclosed in boxes.)

↓

Select the background colour. (Select any of 8 colours, or the "transparent" mode.)

↓

Set the required title layout.

↓

Register the title. (The created title is displayed.)

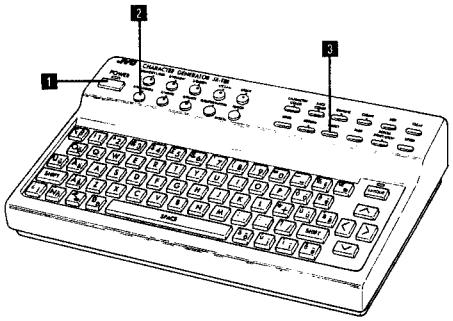
↓

Title creation complete.

- Read the instruction manuals of the components to be connected to the JX-T88 carefully.

To View Titles

- Before starting operations, connect a monitor TV with MONITOR OUT connectors referring to "MONITOR OUT Connectors" on page 11.
- The JX-T88 has a sample title registered in the memory corresponding to the "MEMORY 6" button before shipment and this can be used for user reference.
  We recommend you refer to this before creating your own titles.



1. Press the POWER button.
   The power indicator and the "MEMORY 6" indicator (where the sample title is stored) will light.
2. Press the MEMORY 6 button.
   The indicator will blink.
3. Press the INSERT button.
   The MEMORY 6 indicator will light and the sample title will be displayed on the monitor screen.
   When the INSERT button is pressed again, the sample title will go out.

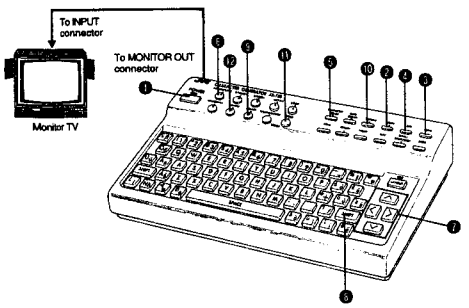
Caution

When the created title is registered in the memory corresponding to the MEMORY 6 button, the sample title memory will be erased. To recall the sample title again into MEMORY 6, in the Create mode, press and hold the CLEAR button while holding the SHIFT key depressed. (Only the MEMORY 6 indicator will light and the sample title will be registered in MEMORY 6 automatically.) Be careful, as all titles registered in MEMORY 1-10 apart from the sample title will also be cleared, at this time.

CREATING TITLES

Let's Try Creating

- Here, we describe creating the same title as the sample (still) title, for practice.



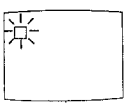
<sample title>

Preparation

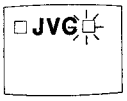
Connect the monitor TV referring to "MONITOR OUT Connectors" on page 11, and turn the power on.

To Create the Title

1. Press the POWER button ❶.
2. Press the CREATE button ● (to enter the Create mode).
3. Press the CLEAR button ❸.
   The character positions on the screen are filled with small white spaces ("cleared" screen).
4. Press the SIZE button ❹ three times to set the size of characters.
   The size of the spaces on the 1st line is set to LL (extra-large).
5. Select the character colour.
   (1) Press the CHARACTER COLOR button ❺ (to enter the Character Colour mode).
   (2) Press the MEMORY "1/RED" button ❻.
   The cursor turns red and blinks.

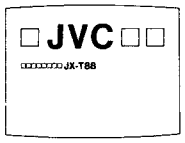


6. Enter "JVC" on the first line.
   (1) Move the cursor to the 2nd character of the 1st line using the ">" cursor key ❾ (to leave a one-character space).
   (2) While holding the SHIFT key ❽ depressed, press "J", "V" and "C" keys in order.
   The large characters "JVC" will be displayed on the monitor screen.



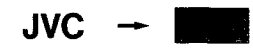
Then, enter the characters for the 3rd and subsequent lines.

7. Move the cursor to the 8th column of the 3rd line using the "^", "v", "<" and ">" cursor keys ❾.
8. Now, change the character colour.
   Press the MEMORY "8/BLACK" button ❽.
   The cursor turns black and blinks.
9. Enter "JX-T88".
   (1) While holding the SHIFT key depressed, press "J", "X", "-" and "T" keys in order.
   (2) Press the "8" key twice.
   The monitor screen now shows "JX-T88".

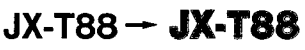


Enter the characters for the 4th and subsequent lines referring to 7, 8 and 9.

10. Enclose the characters in a box.
    (1) Press the OUTLINE button ❿ (to enter the Outline mode).
    (2) Move the cursor to the 1st line using the "^" cursor key ❾.
    (3) Press the MEMORY "10/BOX" button ⓫.
    The first line is enclosed.



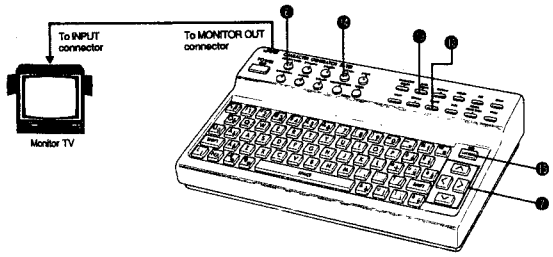
11. Add the edges (outline) to the characters.
    While holding the SHIFT key ❽ depressed, press the OUTLINE button ⓬.



12. Select the outline and box colour.
    Press the MEMORY "7/WHITE" button ❼.

Notes:

- **If you enter the wrong characters:**
  Move the cursor to the position where the character should be corrected, then enter the correct character.
- **To delete an unnecessary character:**
  (1) Move the cursor to the position where the un-necessary character has been entered.
  (2) Press the SPACE key.
- **The box colour and the edge (outline) colour will be displayed in the same colour on the screen.**



■ Add the background colour.
(1) Press the BACK COLOR button ⓯ (to enter the Background Colour mode).
(2) Press the MEMORY "4/CYAN" button ⓫.

■ Set the title layout.
This is to adjust the position where title is displayed on the screen.
(1) Press the LAYOUT key ⓬.
The LAYOUT indicator lights and the unit enters the Layout mode.
(2) Using the ">" cursor key ⓭, move the entire title to the right.
Move so that the "V" of "JVC" is in the center of the screen, as a reference.
(3) Press the LAYOUT key ⓬ again to leave the Layout mode.
• If the title layout is changed in the Insert mode after it has been registered, the modified layout will be registered automatically.

■ Register the created title into "memory 1".
(1) Press the BACK COLOR button.
Check that the CHARACTER COLOR, BACK COLOR and OUTLINE indicators are not lit.
(2) Keep the MEMORY "1/RED" button ⓫ depressed.
The title created by the above procedure will be registered in the memory corresponding to the MEMORY "1/RED" button ⓫.
After title registration is completed, the CREATE indicator goes out, the MEMORY "1/RED" indicator blinks for a few times then lights steadily.
The unit enters the Insert ON mode and the title without "spaces" is displayed.

■ Press the INSERT button ⓮.
Now, the title creation procedure is finished.
At this time, the MEMORY "1/RED" and MEMORY "6/MAGENTA" indicators light.
Pressing the INSERT button again will display the title on the screen once again.

Reference

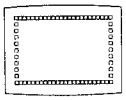
Repeating the following steps alternates between the sample title stored in MEMORY 6 and the newly-created title stored in MEMORY 1:

Press MEMORY 6
↓
Press the INSERT button.
(The sample title is displayed.)
↓
Press the INSERT button again.
(The sample title goes out.)
↓
Press the MEMORY 1 button.
↓
Press the INSERT button.
(The created title is displayed.)
↓
Press the INSERT button again.
(The created title goes out.)

To create a new title in the Create mode:

• Keep the CLEAR button depressed for about 2 seconds.
This will enter the "cleared" screen mode.

Clear screen mode



• Determine the position in which the first character is to be input using the cursor keys.
• Normally small letters are entered.
To input a capital letter, type it in while holding the SHIFT key depressed.

Example

A → a
SHIFT + A → A

To input a symbol or a character on the left of a key top, type in while holding the SHIFT key depressed.

Example To input "%":

SHIFT + [%] → %

• When a character is entered, the cursor moves to the next column automatically.
• When a character key is held depressed, the same character will be entered continuously.
• When a character is entered in the last position of a line, the cursor moves to the 1st position of the next line.
• To delete an unnecessary character, press the SPACE key to enter a "space" (white block).

Notes:

• **"Clear screen" display:**
This is the condition when white blocks the size of small characters fill the screen.

• **When the CREATE button is pressed after turning the power on, the JX-T88 enters the Create mode and the title that was displayed before turning the power off appears.**

■ Press the CREATE button (to enter the Create mode).
• On any page, two different character sizes can be used in two different sections (the 1st line and other lines), independently.

■ Move the cursor to the position where the character size is to be changed.

■ Press the SIZE button.
• Each time the SIZE button is pressed, the size of the character input at the position of the cursor varies in the order small (S), medium (M), large (L) and extra-large (LL).

Reference

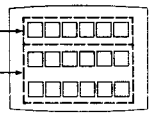
Enter characters referring to Table 1 below:
• The maximum number of characters on one line differs depending on the size of the characters selected.

Table 1: Relationship between Characters and No. of Lines displayed
(No. of characters x No. of lines)

B \ A		Size of characters on 1st line: Small (S)	Medium (M)	Large (L)	Extra-large (LL)
		24	12	8	4
Size of characters on 2nd and lower lines	Small (S)	24 x 11	24 x 11	24 x 11	24 x 10
	Medium (M)	13 x 5	13 x 5	13 x 5	13 x 5
	Large (L)	8 x 3	8 x 3	8 x 3	8 x 3
	Extra-large (LL)	6 x 2	6 x 2	6 x 2	4 x 2

A: Number of characters on the 1st line
B: Number of characters under the 1st line

Example of screen display



■ To Change the Character Colour

The character colour can be specified for each character independently.

■ Press the CHARACTER COLOR button (to enter the Character Colour mode).

■ Select the required colour with one of the eight MEMORY 1-8/COLOR buttons.
Character colours of red, yellow, green, cyan, blue, magenta, white or black are available. (There is a MEMORY 1-8/COLOR button corresponding to each of these.)

■ Enter the characters.
The characters entered are shown in the selected colour.

■ To Change the Character Colour without Changing the Entered Characters

Remaining in the Character Colour mode, perform in the following manner:

■ Select the required colour with one of the eight MEMORY 1-8/COLOR buttons.

■ Move the cursor to the position of the character whose colour is to be changed using the cursor keys.

Example To change the colour of "JX-T88"

(1) When the cursor is under the last character:

JX-T88 ← blinking cursor

While holding the SHIFT key, press the "<" key and hold it until the cursor reaches "J".

(2) When the cursor is under the first character:

blinking cursor → JX-T88

While holding the SHIFT key, press the ">" key and hold it until the cursor reaches the 2nd "8".

• The colour of "JX-T88" will be changed to the new colour.

■ After changing the character colour, press the CHARACTER COLOR button again to leave the Character Colour mode.

Notes:

• **In the Character Colour mode, when the cursor is moved to characters which have already been entered, the characters will blink in the new colour. But if no characters are input, the colour will not be changed.**
In this case, input the same character, or press the cursor "<" or ">" key while holding the SHIFT key.

• **The "space" indications (square blocks) are not registered.**

How to Add Variations to Characters

■ How To Add Variations In the Outline Mode

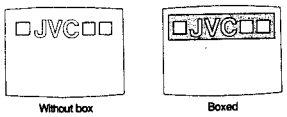
In the Outline mode, two variations are available; boxed and outlined characters.
Boxed characters can be specified for each individual line, while the outlined characters can be specified for all the characters on the same screen simultaneously.

There are two methods to enclose characters in a box: One encloses the area where characters are entered, and the other encloses an area that includes spaces as well as characters.

How To Enclose Characters

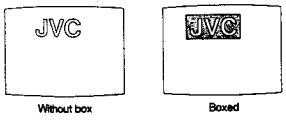
1. Press the OUTLINE button (to enter the Outline mode).
2. To enclose the area where characters are entered:
   (1) Move the cursor to the first line where there are characters to be enclosed in a box.
   (2) Press the MEMORY "10/BOX" button.
   (3) Select the required colour by pressing any of the eight MEMORY 1-8/COLOR buttons.

<Display in the Create mode>



Without box　Boxed

<Display after registration>

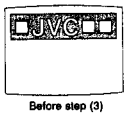


Without box　Boxed

3. In step (3), pressing the "10/BOX" button alternates between boxed and normal characters.

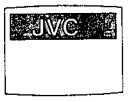
4. To enclose an area where there are spaces as well as characters:
   (1) Follow steps (1) through (3) in procedure 2 above.
   (2) Move the cursor to a position where there is no character (but on the same line) using the cursor keys.
   (3) While holding the SHIFT key, press the SPACE key.

<Display in Create mode>



Before step (3)

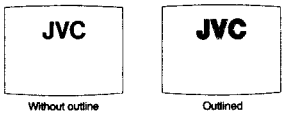
<Display in Create mode and after registration>



After step (3)

How To Add Edges (Outline)

1. Press the OUTLINE button (to enter the Outline mode).
2. While holding the SHIFT key, press the OUTLINE button again.
   All the characters on the screen will be outlined.
3. Select the required outline colour by pressing any of the eight MEMORY 1-8/COLOR buttons.



Without outline　Outlined

4. Pressing the OUTLINE button while holding the SHIFT key depressed alternates between outlined and normal characters.

Notes:

- **When white is selected as the box colour, you will not be able to see the "space" indication as it is the same colour.**
  To check the space indication, change the character colour to a different one.
- **When the same colour as the character colour is selected for a box, characters will not be visible. Change either the character colour or the box colour.**

Note:

- **In one page of titles, only one colour can be used as the outline and box colour.**
  When the outline and box effects are used together, the box effect will have priority.

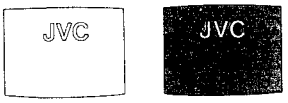
How to [illegible]

■ How To Add Background Colour

Titles can be inserted or scrolled with a coloured background, or superimposed on the input video picture: Selectable in the Background Colour mode.

[illegible]

1. Press the BACK COLOR button (to enter the Background Colour mode).
2. Select the desired colour with MEMORY 1-8/COLOR buttons.



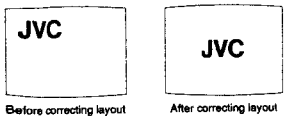
Without background　With background

[illegible]

1. Press the MEMORY 9/SUPERIMPOSE button.
   Titles will be superimposed directly on the video picture.

■ How To Set Layout

1. Press the LAYOUT key (to enter the Layout mode).
2. Adjust the title display position using the "^", "v", "<" and ">" cursor keys.



Before correcting layout　After correcting layout

3. After correcting the layout, press the LAYOUT key again to release the Layout mode.

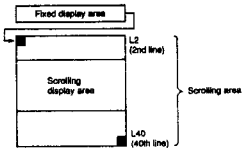
- The layout can also be adjusted while the title is displayed in the Insert mode.

Notes:

- **In the Create mode, when no background colour is specified, the title is superimposed directly over the video picture from the VCR or camcorder.**
- **When a VCR or camcorder is not connected to the INPUT connectors of the JX-T88, or when no video signal is input from them, the titles will be shown against a blue background supplied from the built-in SSG signal generator, but the resultant video signal will not include this blue background.**
  If you want a blue background, press the MEMORY 5/BLUE button.

Creating Scroll Titles

In the JX-T88, titles to be scrolled can be created and registered in the memories corresponding to the MEMORY 9 and MEMORY 10 buttons.
A scroll title consists of the two sections; a 1-line fixed display area and a scrolling area, as shown in the figure.



- Up to 40 lines of characters can be entered in one page of scroll title (including the fixed display area).

■ To create "WINTER HOLIDAY" (in the fixed display area), and "SKI" (to be scrolled) on a Scroll page:

* Here, the scroll title shown in the figure (on the right) will be created.

Character size: S
Character size: M

1. Press the POWER button.
2. Press the CREATE button (to enter the Create mode).
3. Enter the Scroll Title Create mode.
   - While pressing the LOAD button, press the MEMORY 9 or MEMORY 10 button.
   - The SCROLL START/STOP indicator will light together with the MEMORY 9 or MEMORY 10 indicator.
4. If the recalled memory is not a "clear screen", keep pressing the CLEAR button to set to a "clear screen".
5. Using the SIZE button, select the size of the characters to be entered in the fixed display area.
   - The number of characters in the headline is determined by the size of the characters selected.
6. Create the title.
   (1) Press the CHARACTER COLOR button and select the desired character colour using the MEMORY 1-8/COLOR buttons.
   (2) While holding the SHIFT key depressed, type in "WINTER HOLIDAY" for the fixed display area.
   (3) Move the cursor to the scroll area and type in "SKI" as shown in the figure.

(Continued to the next page.)

Note:

- **There is another way to enter the Create mode for scroll titles: Press either the MEMORY 9 or MEMORY 10 button, then press the CREATE button. However, in this case, a scroll title should have been registered in the memory corresponding to the MEMORY 9 or MEMORY 10 button pressed beforehand.**

Creating Scroll Titles

Add variations to characters

1. To enclose the characters in a box.
   (1) Press the OUTLINE button (to enter the Outline mode).
   (2) Move the cursor to the line to be enclosed in a box, and press the MEMORY 10/BOX button.
2. To add edges (outline) to characters.
   (1) In the Outline mode (see above), while pressing the SHIFT key, press the OUTLINE button.
   (2) Select the outline colour with the MEMORY 1-8/COLOR buttons.
3. To add a background colour.
   (1) Press the BACK COLOR button (to enter the Background Colour mode).
   (2) Select the background colour with the MEMORY 1-8/COLOR buttons. Or, press the MEMORY 9/SUPERIMPOSE button to select a "transparent" background (so that the title will be superimposed over the video picture).
4. To lay-out the title.
   (1) Press the LAYOUT button.
   The indicator above the button lights and the unit enters the Layout mode.
   (2) Adjust the position of the entire title using the cursor keys.
5. To set the scrolling speed.
   Each time the SPEED button is pressed, the scrolling speed is changed in 4 steps, in the order "1", "2", "3", "4" and back to "1" again. The higher the number, the faster the scrolling.
6. To register the title.
   (1) Release the Character Colour, Background Colour and the Outline modes.
   (2) Press either the MEMORY 9 or MEMORY 10 button and hold it. When registration of the title is completed, the CREATE indicator goes out, and the indicator of the button with which the title has been registered blinks a few times, then lights steadily.

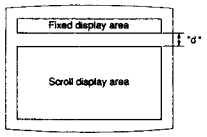
Caution

Laying out the created title can also be done in the Insert ON mode after registration. After setting the layout, this modification will be registered automatically.

To set the space "d" between the fixed display area and scrolling display area

This setting is only possible when creating scroll titles.

1. Press the LAYOUT key (to enter the Layout mode).
2. While pressing the SHIFT key, press the "^" or "v" cursor key to adjust space "d" between the fixed display area and the scrolling display area.



- The distance between the fixed display area and the scrolling display area differs depending on the size of the characters in the fixed display area (for headline).

Size of fixed-area characters	Scroll area position
Small (S)	3 lines are left below the fixed area
Medium (M)	2 lines are left below the fixed area
Large (L)	1 line is left below the fixed area
Extra large (LL)	No spacing

Notes:

- **When the SPEED button is pressed while creating scroll titles, the SCROLL SPEED will be displayed at the top right corner of the screen.**
- **While entering characters, when the cursor is moved to another line, the LINE number will be displayed at the top right corner of the screen.**
- **When the SCROLL SPEED or LINE number is displayed at the top right corner of the screen, the characters or space indications on the line will disappear.**

Registration of Titles

In the Create mode, the created titles can be stored in memory by the following operations.

To register titles

1. After a title has been created, press the MEMORY 1 - 10 button corresponding to the memory in which you want to register it until the indicator lights.
   - When the registration of the title is completed, the indicator of the button pressed will light and the registered title will be displayed on the monitor screen.
   When a scroll title is registered, the indicator of the button as well as the SCROLL START/STOP button will light.

To return to the Create mode after registration

1. Press the INSERT button.
   The displayed title will go out.
2. Press the CREATE button.
   The registered title will be displayed in the Create mode.

Notes:

- **When a newly-created title is registered using any of the MEMORY 1-10 buttons, the title which was previously registered using same button will be erased and replaced by the new title.**
- **"Still" titles can be registered using any of the MEMORY 1-8 buttons, and cannot be registered using the MEMORY 9 or MEMORY 10 button.**
- **"Scroll" titles can be registered using either the MEMORY 9 or MEMORY 10 button, and cannot be registered using the MEMORY 1-8 buttons.**

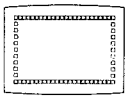
[illegible]

To Modify A Registered Titles

1. Press the CREATE button (to enter the Create mode).
2. Recall the title to be modified.
   - While pressing the LOAD button, press one of the MEMORY 1-10 buttons corresponding to the title to be modified.
   Another way is to press the MEMORY 1-10 button corresponding to the title to be modified, and then press the CREATE button.
3. Correct (or modify) the title by the same procedure as in "Let's Try Creating A Title" on page 14.
   (1) Select the size of characters.
   (2) Select the character colour.
   (3) Enter the characters.
   (4) Enclose the characters in a box, if required.
   (5) Add edges (outline) to the characters, if required.
   (6) Select the background colour.
   (7) Set the layout of the title.
   (8) Register the modified title again.

To Clear Current Characters and To Enter New Characters

1. Keep pressing the CLEAR button.
   All the characters currently displayed will be erased from the screen, and a "clear" screen with small-sized space indications will be displayed.



To D[illegible]

To Display Registered Titles

To Display A Still Title:

1. Press the MEMORY 1-8 button corresponding to the title to be displayed.
   The indicator of the button pressed will blink..
2. Press the INSERT button.
   The recalled (still) title will be displayed.
3. To erase the title from the screen, press the INSERT button again.

To Display A Scroll Title:

1. Press the MEMORY 9 or MEMORY 10 button corresponding to the title to be displayed.
   The indicator of the button pressed will blink.
2. Press the INSERT button.
   - When characters are entered in the fixed display area, they will be displayed and the specified background colour will also be displayed.

3. Press the SCROLL START/STOP button.
   - Characters entered in the scrolling display area will be scrolled from the bottom toward the top (while the characters in the fixed display area remain displayed).
   - At this time, pressing the SCROLL START/STOP button repeatedly stops and restarts scrolling.

4. To erase the (scroll) title from the screen, press the INSERT button again.

Note:

- **When displaying a scroll title, if the SCROLL START/STOP button is pressed before pressing the INSERT button, the operations described in 1 and 2 will be executed immediately.**

To Fade a Title In and Out

To Fade a Still Title In/Out:

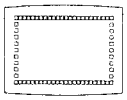
1. Press the MEMORY 1-8 button corresponding to the title to be displayed.
   The indicator of the button pressed will blink.
2. Press the FADE button.
   The recalled title will be faded in.
3. To fade out the title, press the FADE button again.

To Fade a Scroll Title In/Out:

1. Press the MEMORY 9 or MEMORY 10 button corresponding to the title to be displayed.
   The indicator of the button pressed will blink.
2. Press the FADE button.
   - When characters are entered in the fixed display area, they will be faded in and the specified background colour will also be faded in.
3. Press the SCROLL START/STOP button.
   - The scrolling area of the title will be scrolled from the bottom of the screen toward the top.
   - At this time, pressing the SCROLL START/STOP button repeatedly stops and restarts scrolling.
4. To fade out the scroll title, press the FADE button again.

D[illegible] T[illegible]

1. Press the CREATE button (to enter the Create mode).
   The create screen with the title displayed immediately before turning the power off, or the create screen with the last title registered will appear on the monitor.
2. Recall the title to be deleted.
   - While pressing the LOAD button, press one of the MEMORY 1-10 buttons.
   The title stored in memory corresponding to the button pressed will be displayed and the indicator of the button pressed will blink.
   When the scroll title is recalled, the SCROLL START/STOP indicator lights as well.
3. Keep pressing the CLEAR button.
   The title displayed will go out and the "space" indications will be shown.



4. Register the "cleared" screen.
   - Keep pressing the button used to register the recalled title (MEMORY 1-10).
   When deleting a title is completed, the indicator of the button pressed will blink for a few times then go out. The CREATE indicator also goes out.
   The screen will now shows the picture of the video signal input via the INPUT connectors of the JX-T88.
   When no video signal is input to the JX-T88, the screen becomes black.

Note:

- **Instead of the operation of 1 and 2 you can recall the title to be deleted in the following manner.**
  (1) Press one of the MEMORY 1-10 buttons corresponding to the title to be deleted.
  (2) Press the CREATE button.
  The title recalled will be displayed on the create screen.

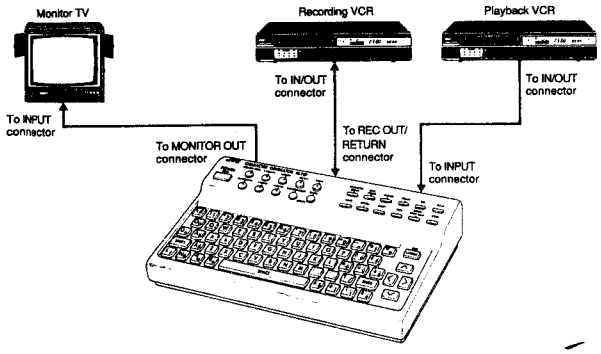
To Delete All The Registered Titles

1. Press the CREATE button (to enter the Create mode).
2. While pressing the SHIFT key, press and hold the CLEAR button.
   When deleting all titles is completed, the CREATE indicator and the MEMORY 6 indicator light.

The title registered on the MEMORY 6 button will be deleted and the sample title will be registered automatically.

(No. 70118)

VIDEO EDITING WITH TITLES



The above diagram shows an example of connections for video editing.
Make connections referring to "CONNECTIONS" on page 7 – 11.

Example

To Edit Video While Fading The Sample Title (Registered in MEMORY 5) In/Out Using Recording VCR

1. Check the sample title to be faded in/out.
   (1) Press the MEMORY 6 button.
   (2) Press the INSERT button.
   The recalled title will be displayed on the monitor screen.
   (3) Check the title displayed, and press the INSERT button again so that it disappears from the screen.
2. Run the playback VCR till the edit-start point and set the VCR to the pause/still mode.
3. Set the recording VCR to the record-pause mode.
4. Start playing the playback VCR and set the recording VCR to the record mode.
5. When the scene at which the title is to be inserted is reached, press the FADE button.
6. When the scene at which the title is to go out is reached, press the FADE button again.
7. After editing is completed, set the recording VCR to the record-pause mode.

To Monitor The Tape Edited With the Recording VCR

1. Press the RETURN button.
2. Rewind the tape to the point from which editing starts, and start playback.

Notes:

- **When recording onto the VCR used for recording, select the "AUX" or "EXT" input mode of the recording VCR using the input selector or channel up/down buttons.**
- **To monitor the RETURN signal (recorded on the VCR), make sure that the signal select switch of the recording VCR matches the position of the input select switch of the monitor TV ("COMPOSITE" or "Y/C").**

■ To Edit Video While a Scroll Title (Created in "Creating Scroll Titles") is Faded In/Out Using Recording VCR

Preparation

According to the procedure in "Creating Scroll Titles" on page 23 – 24, create the scroll title to be faded in/out.

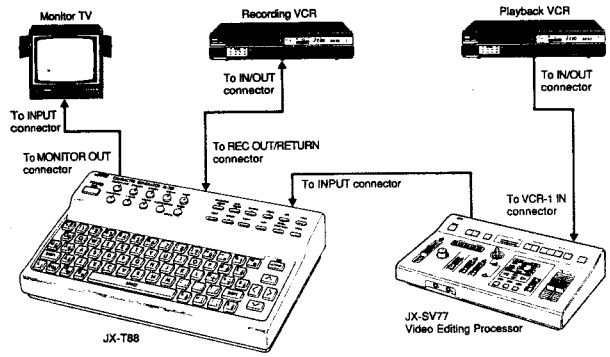
1. Check the scroll title.
   (1) Press the MEMORY 9 or MEMORY 10 button in which the scroll title to be faded in/out has been registered.
   (2) Press the SCROLL START/STOP button to start scrolling to check the contents.
   (3) After checking the scroll title, press the INSERT button so that it disappears out from the screen.
2. Run the playback VCR to the edit-start point and set the VCR to the pause/still mode.
3. Set the recording VCR to the record-pause mode.
4. Start playing the the playback VCR and set the recording VCR to the record mode.
5. When the scene at which the title is to be inserted is reached, press the FADE button.
   The fixed display area of the scroll title will be faded in.
6. Press the SCROLL START/STOP button.
   The scrolling section will be scrolled from the bottom of the screen to the top.
7. When the scene where the title is to fade out is reached, press the FADE button again.
8. After editing is completed, set the recording VCR to the record-pause mode.

Notes:

- **When fading a scroll title in/out by pressing the FADE button, if no characters have been input in the fixed display area, only the background colour or the input video picture will be displayed.**
- **When recording onto the VCR used for recording, select the "AUX" or "EXT" input mode of the recording VCR using the input selector or channel up/down buttons.**

VIDEO EDITING WITH VIDEO PROCESSOR

When JVC JX-SV77 Video Editing Processor is used together with the JX-T88, more versatile video editing procedures are possible, using user-created titles as well as multiple editing functions.



Preparation

Connect the components as shown in the above diagram, and set the switches of each component as follows:

1. Set the VIDEO OUT switch of the playback VCR and the SIGNAL SELECT switch for the VCR-1 INPUT connector of the JX-SV77 to either the "COMPOSITE" or "Y/C" position so that they are the same.
2. Set the SIGNAL SELECT switch for the MONITOR OUT connector of the JX-SV77 and the SIGNAL SELECT switch for the INPUT connector of the JX-T88 to their "Y/C" positions.
3. Set the AUX INPUT SELECT switch of the recording VCR to the "AV (IN/OUT connector)" position, and select the signal as either "COMPOSITE" or "Y/C" so that the VIDEO OUT switch of the recording VCR and the signal select switch of the REC OUT/RETURN connector of the JX-T88 are set to the same position.
4. Set the INPUT MODE select switch of the monitor TV and the SIGNAL SELECT switch for the MONITOR OUT connector of the JX-T88 to either the "COMPOSITE" or "Y/C" position so that they are the same.

Note:

- **When recording using the VCR used for recording, select the "AUX" or "EXT" input mode of the recording VCR using the input selector or channel up/down buttons.**

Turn on the power of each component and start editing:

1. Press the SOURCE SELECT "1" button on the JX-SV77.
2. Press the "PROGRAM" button of the JX-SV77 to check the wipe functions, etc. to be used for editing.
3. According to the procedure in "VIDEO EDITING WITH TITLES" on page 28 – 29, start the playback VCR and recording VCR, and when the scene at which the title is to be inserted is reached, display the title registered in the JX-T88.
4. Use the wipe patterns, etc. provided on the JX-SV77 as required.

Features of the JX-SV77 Video Editing Processor

- **Multi-function video editing processor, fully compatible with Super VHS VCRs and camcorders**
- **Versatile wipe function with background colour generator**
- **Video/audio faders**
- **Character generator function**
- **Easy colour balancing with joystick controller**
- **Audio mixing function**
- **Image enhancement**
- **Colour level adjustment**
- **Editing control function for use with certain JVC VCRs**
- **Colour bar generator built-in**
- **Bypass switch provided**